

FIG. 1

CONVENTIONAL ART

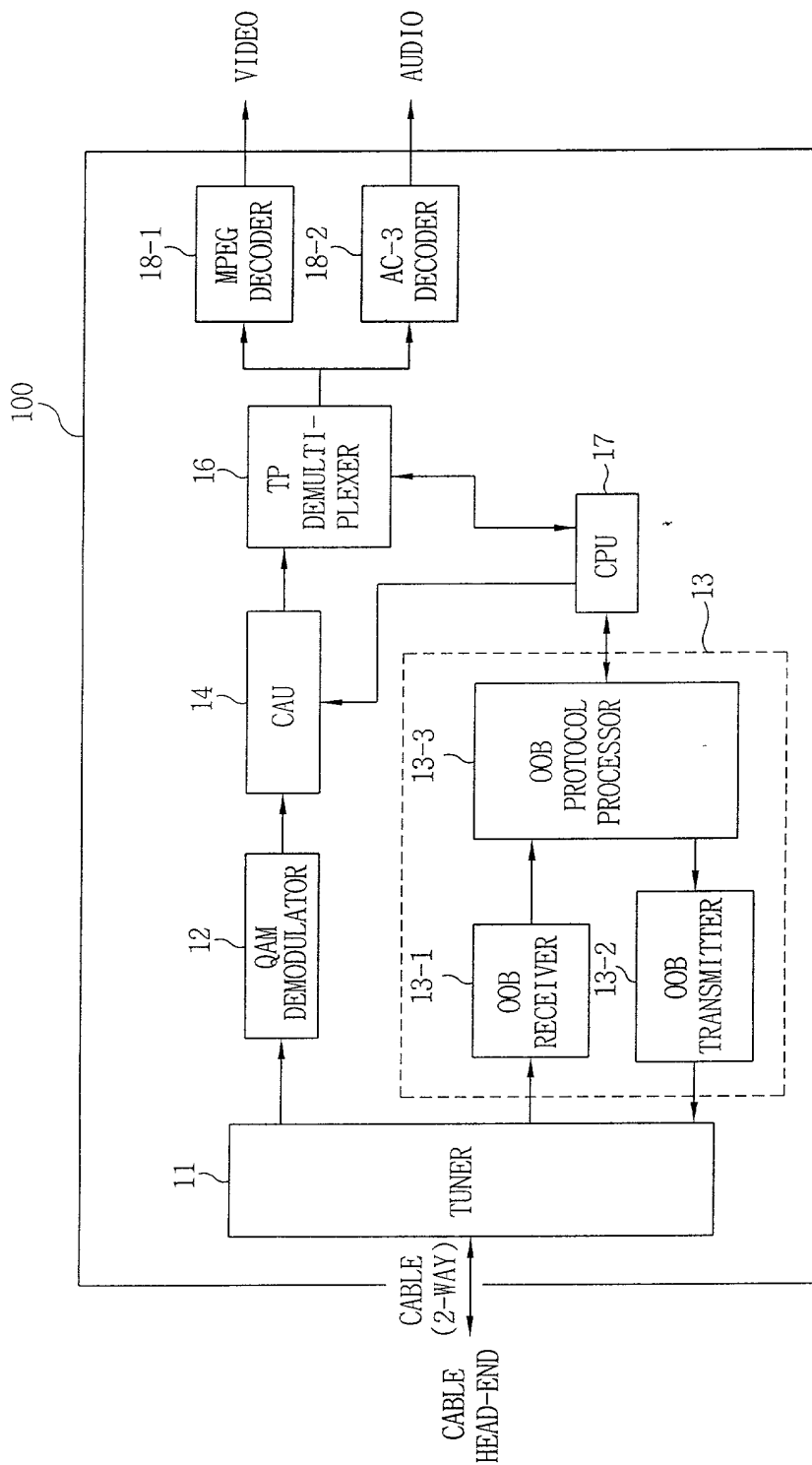


FIG. 2

CONVENTIONAL ART

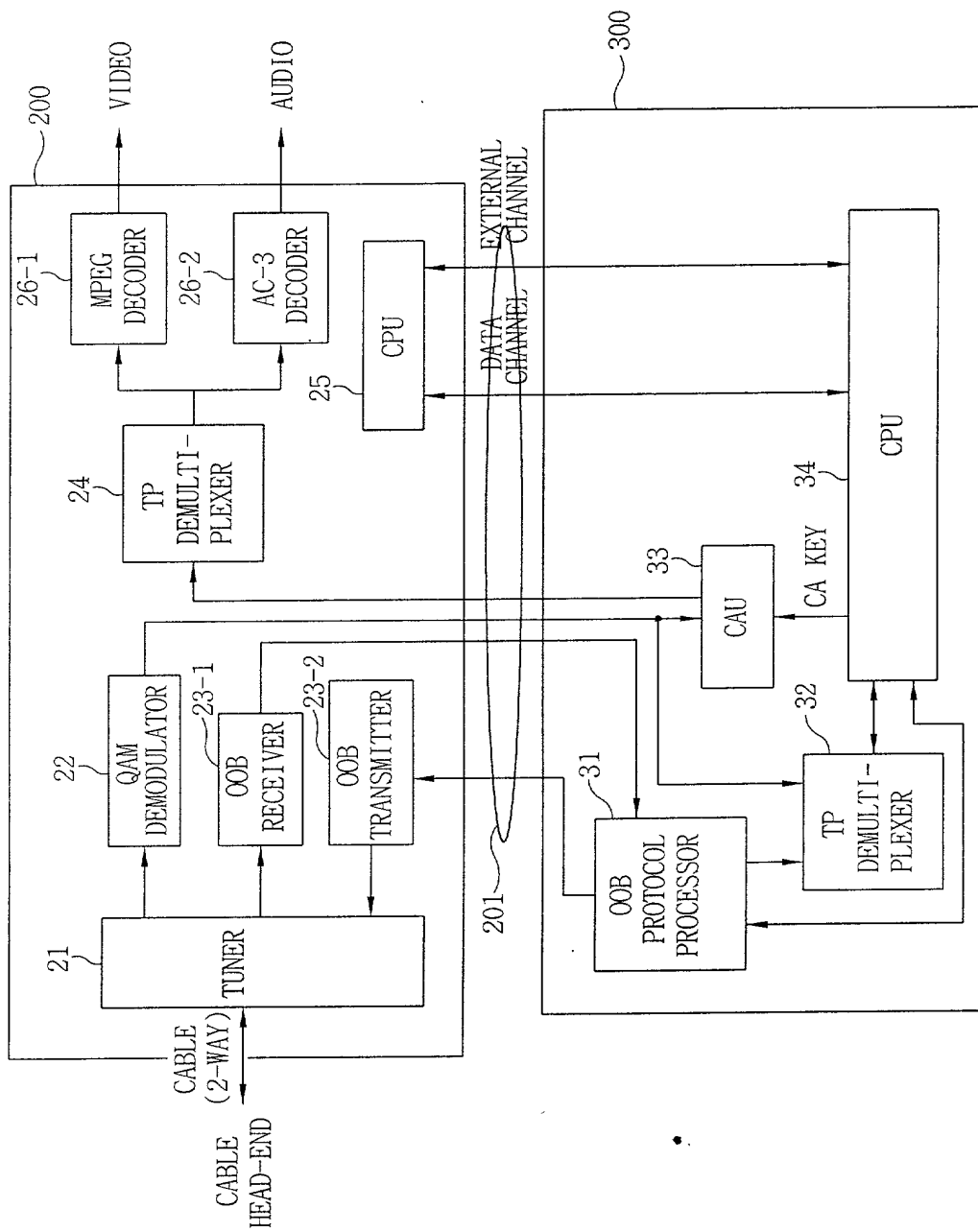
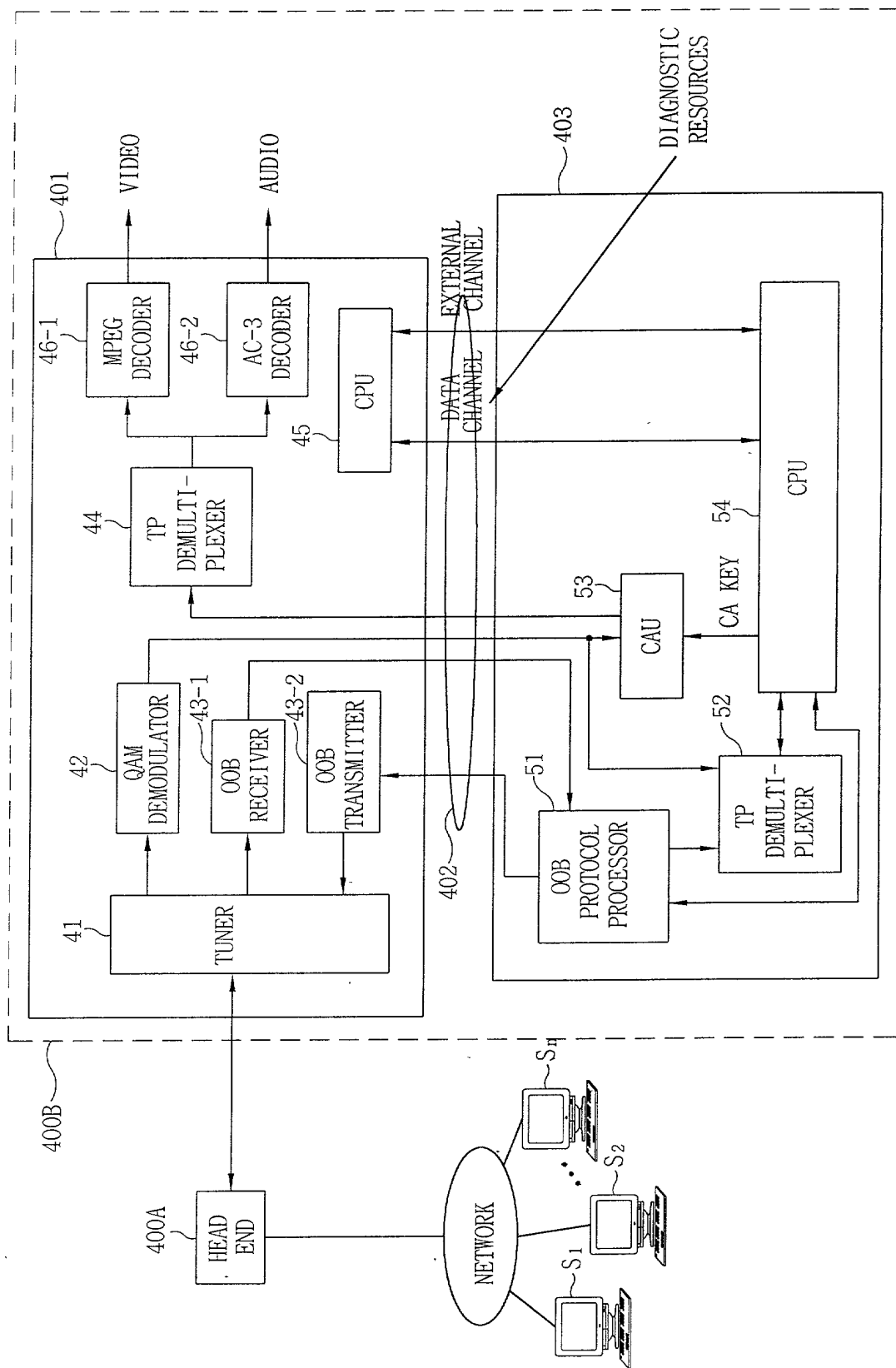


FIG.3
CONVENTIONAL ART

APPLICATION			
RESOURCES:			
USER INTERFACE	LOW-SPEED COMMUNICATIONS	SYSTEM	OPTIONAL EXTENSIONS
SESSION LAYER			
GENERIC TRANSPORT SUBLAYER			
PC CARD TRANSPORT SUBLAYER			
PC CARD LINK LAYER			
PC CARD PHYSICAL LAYER			

FIG. 4



[illegible][illegible][illegible][illegible]

FIG. 6B

Datatype_id	id VALUE	LENGTH (BYTES)
Manufacturer_id	0x01	50(Max)
Brand_id	0x02	50(Max)
Model_id	0x03	20(Max)
Serial_id	0x04	20(Max)
Host_id	0x05	8
POD_module_id	0x06	8

FIG. 6C

Sub_system	id VALUE(HEXA)
CableNIM tuning sub_system	0x01
TP demultiplexing sub_system	0x02
Video decoding sub_system	0x03
Audio decoding sub_system	0x04
Graphics sub_system	0x05
Copy protection sub_system	0x06
...	

FIG. 7

Syntax	NO. OF BITS
<pre> Diag_stat_req() { Diag_stat_req_tag Length_field() = 0 } </pre>	24

FIG.8

Syntax	NO. OF BITS	DESCRIPTION
Diag_stat_cnf() { Diag_stat_cnf_tag Length_field() System_status }	24 8	REPLY WHETHER SET-TOP IS NOMAL OR NOT 0x00: OK 0x01: Not OK

FIG.9

Syntax	NO. OF BITS
Diag_data_req() { Diag_data_req_tag Length_field() = 0 }	24

FIG. 10A

Syntax	NO. OF BITS	DESCRIPTION
Diag_data_cnf() { Diag_data_cnf_tag Length_field() Sub_system_number For(I=0; I<Sub_system_number;1++) { Sub_system_id Sub_system_status } }	24 8 8 8	 NUMBER OF SUBSYSTEM INCLUDING SET-TOP BOX REPLY WHETHER SET-TOP IS NOMAL OR NOT

FIG. 10B

Sub_system	id VALUE(HEXA)	DESCRIPTION
CableNIM tuning sub_system	0x00 0x01 0x02 0x03	OK In-band tuning not working OOB Rx tuning not working OOB Tx tuning not working
TP demultiplexing sub_system
...	...	

FIG. 11

